

Converting Colors

XYZ(32.0957, 26.3098, 17.5966)

Have a look what the booklet for
XYZ(32.0957, 26.3098, 17.5966)
contains.

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Color

**XYZ(32.0498, 26.3596,
17.5861)**

Conversions

Conversions Part 1

Format	Color
Hex	C3796C
RGB	195, 121, 108
RGB Percent	76%, 47%, 42%
CMY	0.2353, 0.5255, 0.5765
CMYK	0.00, 0.38, 0.45, 0.24
HSL	9°, 42%, 59%
HSV	9°, 45%, 76%
XYZ	32.0498, 26.3596, 17.5861
YIQ	141.6440, 48.2770, 11.6450

Conversions

Conversions Part 2

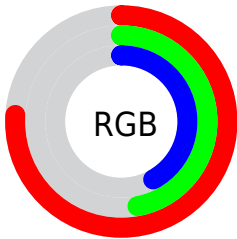
Format	Color
R_{YB}	195, 123, 108
Decimal	12810604
CIE _{Lab}	58.38, 27.43, 19.32
CIE _{LCh}	58, 33.547, 35.159
Yxy	26.3596, 0.4217, 0.3469
Android (android.graphics.Color)	4291000684 (0xFFC3796C)
YUV	141.6440, -16.5865, 46.7932
Hunter-Lab	51.3416, 21.5801, 15.6304

Details

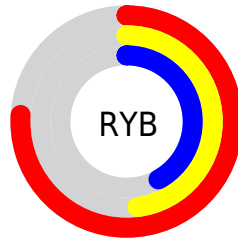
The XYZ color **32.0498, 26.3596, 17.5861** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **32.7617, 40.5822, 57.7359**, and the grayscale version is **25.6213, 26.9556, 29.3546**.

A 20% lighter version of the original color is **62.2671, 53.8461, 39.9124**, and **13.5501, 10.2360, 5.5365** is the 20% darker color. If you saturate the color by 10%, you get **29.2806, 22.3005, 12.1029**, and if you desaturate by 10%, it is **35.3990, 31.2072, 24.4082**.

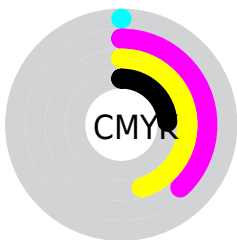
Distribution



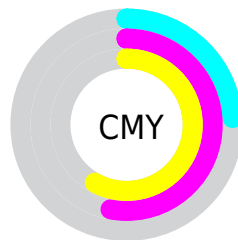
- Red (76%)
- Green (47%)
- Blue (42%)



- Red (76%)
- Yellow (48%)
- Blue (42%)



- Cyan (0%)
- Magenta (38%)
- Yellow (45%)
- Black (24%)





- Cyan (24%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0498, 26.3596, 17.5861 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 32.0498, 26.3596, 17.5861 by changing the saturation by 10% instead.


 32.0498, 26.3596,
17.5861


 32.0498, 26.3596,
17.5861


303.0873,
284.5429, 250.6849


 21.5553, 17.0929,
10.4869


 62.2538, 53.8545,
40.1351

 13.6453, 10.3007,
5.6131


 82.6940, 72.8514,
56.4220

 7.9544, 5.5988,
2.5464

 107.1802, 95.8606,
76.6086

 4.1173, 2.6027,
0.8646

 136.0776,
123.2663, 101.1133

 1.7687, 0.9280,
0.0000

169.7517,
155.4530, 130.3548

 0.4987, 0.0000,
0.0000

208.5677,

 0.0000, 0.0000,

192.8051, 164.7515

0.0000

252.8912,
235.7069, 204.7220

■ 32.0498, 26.3596,
17.5861

■ 32.0498, 26.3596,
17.5861

■ 29.2806, 22.3005,
12.1029

■ 35.3990, 31.2072,
24.4082

■ 27.0560, 18.9842,
7.8687

■ 39.3568, 36.8780,
32.6480

■ 25.3398, 16.3664,
4.7850


■ 43.9524, 43.4093,
42.3801


■ 24.0903, 14.3965,
2.7375


■ 49.2124, 50.8349,
53.6733


■ 23.2588, 13.0164,
1.5882


■ 55.1621, 59.1871,
66.5921

 22.9486, 12.4881,
1.2009

 61.8252, 68.4962,
81.1974

 69.2244, 78.7913,
97.5469

 75.8980, 89.5068,
107.8840

 76.3156, 90.3420,
108.0232

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



33.7318, 26.3596, 26.7228



32.0498, 26.3596, 17.5861



28.5054, 26.3596, 12.7290

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.0498, 26.3596, 17.5861



18.5730, 26.3596, 20.2404



25.7680, 26.3596, 57.4869

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32.0498, 26.3596, 17.5861



32.7617, 40.5822, 57.7359

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.8931, 26.3596, 54.3783



32.0498, 26.3596, 17.5861



18.0089, 26.3596, 30.7747

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.0498, 26.3596, 17.5861



20.7924, 26.3596, 13.9437



19.1584, 26.3596, 43.7241



29.8615, 26.3596, 51.3355

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.0498, 26.3596, 17.5861



25.7236, 26.3596, 11.5990



19.1584, 26.3596, 43.7241



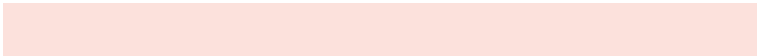
24.3962, 26.3596, 57.5043

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32.0505, 26.3609, 17.5866



79.9778, 79.5279, 78.5897



36.4572, 25.7630, 48.0695



17.0782, 16.7983, 16.2798



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.0505, 26.3609, 17.5866



52.3432, 39.7943, 21.4840



38.3274, 38.9147, 19.6789



10.1920, 10.3155, 10.5158



14.9544, 8.1946, 0.7935



0.6858, 0.4334, 0.0475

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.7617, 40.5822, 57.7359



53.7385, 68.5326, 102.8656



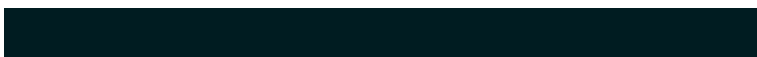
25.3983, 25.8555, 55.2815



10.2361, 11.1636, 12.9001



15.2962, 20.3489, 36.6781



0.6965, 0.9504, 1.5966

Previews

White Background



This preview shows how the XYZ color 32.0498, 26.3596, 17.5861 looks on a white background.

Color Contrast Check

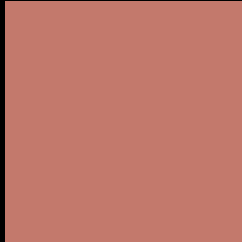
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 32.0498, 26.3596, 17.5861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

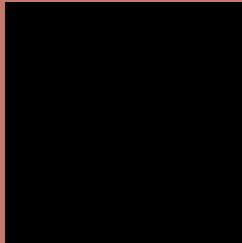
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0498, 26.3596, 17.5861

Background



This preview shows how black text looks on a background with the XYZ color 32.0498, 26.3596, 17.5861.



This preview shows how white text looks on a background with the XYZ color 32.0498, 26.3596,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

32.0498, 26.3596, 17.5861

Protanopia

24.9834, 26.4301, 20.6144

Deuteranopia

26.9397, 26.4549, 17.0510



Tritanopia

33.3352, 26.3595, 23.4096

Trichromacy



Original Color

32.0498, 26.3596, 17.5861

Protanomaly

27.1507, 26.0970, 19.5258

Deuteranomaly

28.7156, 26.3530, 17.2088

Tritanomaly

32.7519, 26.2855, 21.1167

Monochromacy



Original Color

32.0498, 26.3596, 17.5861

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.2523, 26.2390, 24.7474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0498, 26.3596, 17.5861 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(195, 121, 108)` looks like.

```
.text, #text, p{  
    color:rgb(195, 121, 108)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(195, 121, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 121, 108) }
```

Border

The CSS property to change the border of an element to XYZ 32.0498, 26.3596, 17.5861 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 121, 108) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(195, 121, 108) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(195, 121, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 121, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 121, 108);  
box-shadow:4px 4px 4px 4px rgb(195, 121,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0498, 26.3596, 17.5861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 121, 108) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(195,  
121, 108) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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